

OPINION 724

ENDOTHYRA BOWMANI PHILLIPS, [1846] (FORAMINIFERA):
VALIDATED UNDER THE PLENARY POWERS

RULING.—(1) Under the plenary powers the following names are hereby suppressed for the purposes of both the Law of Priority and the Law of Homonymy:

- (a) the generic name *Endothyra* Brown, 1843;
- (b) the specific name *bowmani* Brown, 1843, as published in the binomen *Endothyra bowmani*.

(2) The generic name *Endothyra* Phillips, [1846] (gender : feminine), type-species, by monotypy, *Endothyra bowmani* Phillips, [1846], is hereby placed on the Official List of Generic Names in Zoology with the Name Number 1662.

(3) The specific name *bowmani* (emend. of *bowmanni*) Phillips, [1846], as published in the binomen *Endothyra bowmani*, as interpreted by the neotype designated by Loeblich & Tappan, 1964, (type-species of *Endothyra* Phillips, [1846]) is hereby placed on the Official List of Specific Names in Zoology with the Name Number 2060.

(4) The generic name *Endothyra* Brown, 1843 (as suppressed under the plenary powers in (1) above) is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology with the Name Number 1755.

(5) The following specific names are hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology with the Name Numbers specified:

- (a) *bowmani* Brown, 1843, as published in the binomen *Endothyra bowmani* (as suppressed under the plenary powers in (1) (b) above) (Name No. 812);
- (b) *bowmanni* Phillips, [1846], as published in the binomen *Endothyra bowmanni* (an incorrect original spelling for *bowmani*, Phillips, [1846]) (Name No. 813);
- (c) *bowmanii* Brown, 1843, as published in the binomen *Endothyra bowmanii* (an incorrect original spelling for *bowmani*, *Endothyra*, Brown, 1843) (Name No. 814).

HISTORY OF THE CASE (Z.N.(S.) 768)

The problem of the stabilization of the generic name *Endothyra* was first submitted to the Commission by Dr. L. G. Henbest in May 1953. An application approved by Dr. Henbest was sent to the printer on 27 June 1960, but in March 1961 a second application was received, from Dr. S. E. Rosovskaya. These two applications, whilst aiming at the same general objective, differed in the method by which they wished to reach that objective. An attempt to obtain agreement between Dr. Henbest and Dr. Rosovskaya having failed, both applications were published on 16 July 1962 in *Bull. zool. Nomencl.* **19** : 199–204.

Public Notice of the possible use of the plenary powers in the present case was given in the same part of the *Bulletin* as well as to the other prescribed serial

publications (Constitution Art. 12b; *Bull. zool. Nomencl.* 21 : 184) and to three palaeontological serials. Dr. Henbest's proposals were supported by A. R. Loeblich and H. Tappan (*Bull. zool. Nomencl.* 20 : 286-289, 289-290), Betty A. L. Skipp (*Bull. zool. Nomencl.* 20 : 290-291) and J. St. Jean (*Bull. zool. Nomencl.* 20 : 402-403). Dr. Rosovskaya's proposals were supported by N. P. Malakhova (*Bull. zool. Nomencl.* 20 : 290) and O. I. Bogush and O. V. Juferev.

A third proposal by Drs. D. E. N. and E. J. Zeller was published in *Bull. zool. Nomencl.* 20 : 285-286.

The following points were brought to the attention of Commissioners at the time of Voting on the present case:

"1. Authorship: There is no evidence in Brown's 1843 publication to show that Phillips provided the description which gave availability to the generic and specific names *Endothyra* and *E. bowmani*.

"2. Loeblich & Tappan point out (page 287) that *Involutina lobata* Brady 1870, is a synonym of *Endothyra bowmani*, as interpreted by Brady, and therefore a senior synonym of *Endothyra bradyi* Mikhailov, 1939. *Endothyra bradyi* could not, therefore, be placed on the Official List as requested by Rosovskaya unless first validated under the plenary powers.

"3. Neotypes have been designated for both *Endothyra bowmani* Phillips, [1846] (Loeblich & Tappan, 1964, *Treatise Invert. Paleont. C, Protista* 2 : C343-C346) and *Endothyra bowmani* Brown, 1843 (Zeller, 1963, *J. Paleont.* 37 (2) : 502-503)."

DECISION OF THE COMMISSION

On 1 July 1964 Members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (64) 9 either for or against proposals in the present case. In Part 1 Commissioners were asked to vote either for or against the use of the plenary powers in the present case. A negative vote in this part would allow *Endothyra bowmani* Brown 1843 to be used in the sense of Zeller. In Part 2 Commissioners were asked to choose between the proposals offered by Henbest (Alternative A) and Rosovskaya (Alternative B—together with a subsidiary choice concerning the use of the plenary powers to validate the specific name *bradyi* Mikhailov).

At the close of the prescribed voting period on 1 October 1964 the state of the voting was as follows:

Part 1. Affirmative votes—eighteen (18), received in the following order: Holthuis, Lemche, Bonnet, Binder, Boschma, Riley, Vokes, Tortonese, Mayr, Obruchev, Uchida, Evans, Sabrosky, Ride, Forest, Mertens, Kraus, Hubbs.

Negative votes—four (4): China, do Amaral, Jaczewski, Brinck.

Part 2. For Alternative A—seventeen (17): Holthuis, Lemche, Bonnet, Binder, Boschma, Riley, Vokes, Tortonese, Mayr, Obruchev, Evans, Sabrosky, Ride, Forest, Mertens, Kraus, Hubbs.

For Alternative B—one (1): Uchida (with a vote for suppression of *Endothyra bradyi* Mikhailov).

On Leave of Absence—one (1): Munroe.

Voting Papers not returned—two (2): Borchsenius, Simpson.

Commissioners Alvarado, Miller and Stoll returned late votes in favour of the use of the plenary powers and Alternative A.

ORIGINAL REFERENCES

The following are the original references for names placed on Official Lists and Indexes by the Ruling, given in the present Opinion:

Endothyra Brown, 1843, *The Elements of Fossil Conchology* : 17

Endothyra Phillips, [1846], *Proc. geol. polytech. Soc. West Riding, Yorks.* 2 : 277

bowmani *Endothyra*, Brown, 1843, *The Elements of Fossil Conchology* : 17

bowmani, *Endothyra*, Phillips, [1846], *Proc. geol. polytech. Soc. West Riding, Yorks.* 2 : 277, fig. 1

bowmanii, *Endothyra*, Brown, 1843, *The Elements of Fossil Conchology* : 136

bowmanni, *Endothyra*, Phillips, [1846], an incorrect original spelling for *bowmani* q.v.

The following is the original reference for the designation of a neotype for a species concerned in the present Ruling:

For *Endothyra bowmani* Phillips, [1846] : A. R. Loeblich & H. Tappan, 1964, *Treatise Invert. Paleont. C, Protista* 2 : C343–C346.

CERTIFICATE

I certify that the votes cast on Voting Paper (64) 9 were cast as set out above, that the proposal contained in the Voting Paper as Alternative A has been duly adopted under the plenary powers, and that the decision so taken, being the decision of the International Commission, is truly recorded in the present Opinion No. 724.

W. E. CHINA
Acting Secretary

International Commission on Zoological Nomenclature

London

24 November 1964